

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P598603

Luminaire Tested: **IFLD-M-SA4B-722-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598603
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4B-722-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (64) 2200K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

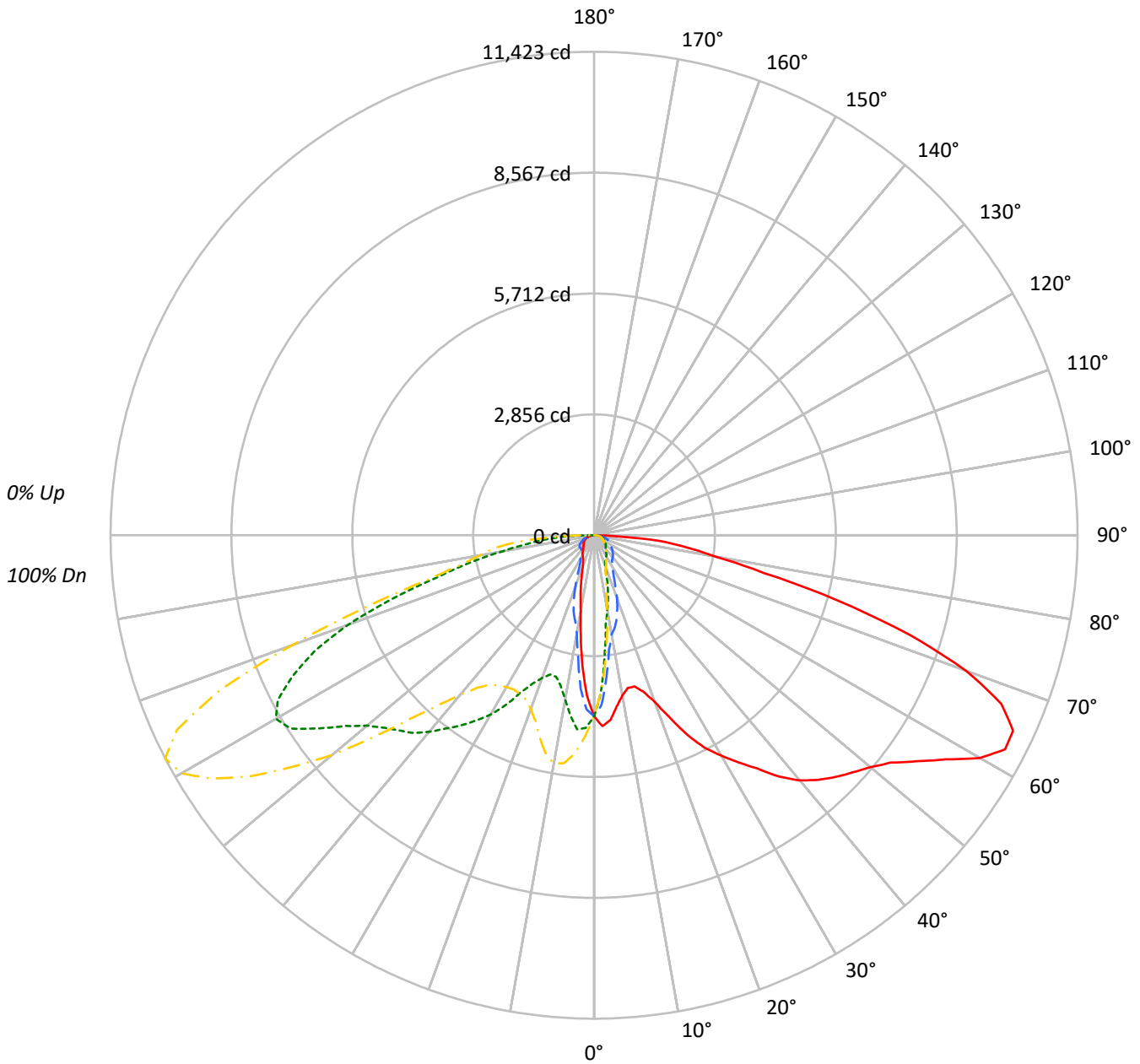
Lumens per Lamp: N/A
 Luminaire Lumens: 14309.7 lumens
 Efficiency: N/A
 Efficacy: 86.2 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 166.1
 Input Voltage (V): 120
 Input Current (Ain): NR
 Voltage Rise (V): NR
 Power Factor: NR
 Total Harmonic Distortion (THDi): NR
 Frequency (hertz): 60
 Stabilization Time: NR
 Operation Time: NR
 Ambient Temperature (°C): NR
 Test Distance: 25 FT

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	GONIO 1 IN0055	4/22/2021	10/22/2021
Power Meter	XITRON 2801 IN0197	12/1/2020	12/1/2021
AC Power Source	CHROMA 61505 IN0196	12/1/2020	12/1/2021
DC Power Supply	AGILENT E3634A IN0198	11/30/2020	11/30/2021
Room Thermometer	ONSET IN0143	12/1/2020	12/1/2021

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - 90°-270° - · · - 135°-315°

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20					
RC	80					70					50					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0		
RCR	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	102	102	100		
	1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	79	79	79	79	79	77		
	2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	61	61	61	61	61	59		
	3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	48	48	48	48	48	46		
	4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	39	39	39	39	39	36		
	5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	32	32	32	32	32	30		
	6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	27	27	27	27	27	25		
	7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	23	23	23	23	23	21		
	8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	20	20	20	20	20	18		
	9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	18	18	18	18	18	16		
	10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	16	16	16	16	16	14		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	46011	46011	46011	46011
5°	47351	30791	33637	49745
10°	42009	19566	19761	42991
15°	41229	13877	13143	38561
20°	47936	8778	8846	41078
25°	61647	7537	7323	48564
30°	74709	7143	6697	60793
35°	88424	6293	6058	72060
40°	106246	5973	5552	85131
45°	122940	5923	5377	99244
50°	142760	6015	5414	117196
55°	174705	6180	5506	149314
60°	226576	6187	5800	186752
65°	278125	6253	5947	199903
70°	294303	6593	6219	194633
75°	247739	6970	6226	158852
80°	179985	8164	6310	137307
85°	190761	11831	5175	142707

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	330.8	2.3
10°-20°	692.4	4.8
20°-30°	997.8	7.0
30°-40°	1436.4	10.0
40°-50°	2040.3	14.3
50°-60°	2933.3	20.5
60°-70°	3388.9	23.7
70°-80°	1918.9	13.4
80°-90°	571.1	4.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	2020.9	14.1
0°-40°	3457.3	24.2
0°-60°	8430.9	58.9
0°-90°	14309.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14309.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4275	4275	4275	4275	4275	
5°	4382	2850	3113	4604	4382	398
15°	3700	1245	1179	3460	3700	1088
25°	5191	635	617	4089	5191	2409
35°	6729	479	461	5484	6729	4271
45°	8076	389	353	6520	8076	6254
55°	9310	329	293	7956	9310	8431
65°	10920	246	234	7849	10920	10471
75°	5957	168	150	3820	5957	6321
85°	1545	96	42	1156	1545	1538
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6
2.5°	4514.1	4508.1	4472.1	4358.4	4238.7	4124.9	4017.1	3903.4	3843.5	3771.7	3741.8
5°	4382.3	4370.4	4268.6	4017.1	3795.6	3556.2	3352.6	3191.0	3059.3	2927.5	2879.7
7.5°	4083.0	4065.0	3945.3	3598.1	3274.8	2963.5	2718.0	2508.5	2334.9	2257.0	2167.2
10°	3843.5	3813.6	3657.9	3274.8	2855.7	2544.4	2382.7	2239.1	2089.4	1963.7	1832.0
12.5°	3693.9	3657.9	3496.3	3047.3	2640.2	2406.7	2239.1	2077.4	1891.8	1736.2	1592.5
15°	3699.8	3657.9	3460.4	2987.4	2586.3	2287.0	2053.5	1832.0	1616.4	1442.8	1281.2
17.5°	3873.5	3819.6	3610.0	3071.2	2544.4	2131.3	1820.0	1532.6	1287.2	1101.6	969.9
20°	4184.8	4148.9	3909.4	3197.0	2502.5	1963.7	1580.5	1233.3	975.8	832.2	778.3
22.5°	4651.7	4609.8	4352.4	3388.5	2490.5	1814.0	1323.1	969.9	784.3	724.4	694.5
25°	5190.6	5112.7	4873.3	3711.8	2514.5	1676.3	1113.5	802.2	700.5	658.5	640.6
27.5°	5657.5	5609.6	5340.2	4017.1	2526.4	1568.5	969.9	730.4	652.6	616.6	604.7
30°	6010.8	5992.8	5729.4	4352.4	2496.5	1436.8	880.1	700.5	652.6	616.6	580.7
32.5°	6364.0	6370.0	6088.6	4609.8	2454.6	1323.1	796.2	622.6	574.7	550.8	556.8
35°	6729.2	6759.1	6519.6	4861.3	2364.8	1281.2	736.4	580.7	538.8	502.9	484.9
37.5°	7190.2	7268.0	7034.5	5142.7	2275.0	1245.3	706.4	550.8	508.9	478.9	455.0
40°	7561.3	7705.0	7567.3	5406.1	2215.1	1203.3	682.5	520.9	490.9	455.0	437.0
42.5°	7836.7	8004.4	7956.5	5609.6	2215.1	1161.4	658.5	502.9	478.9	437.0	413.1
45°	8076.2	8249.8	8243.8	5819.2	2263.0	1137.5	628.6	502.9	467.0	425.1	401.1
47.5°	8291.7	8465.3	8525.2	6082.6	2340.8	1125.5	592.7	490.9	467.0	419.1	383.2
50°	8525.2	8716.8	8896.4	6501.7	2436.6	1095.6	568.7	473.0	473.0	413.1	371.2
52.5°	8824.6	9040.1	9369.4	7022.5	2532.4	1041.7	532.8	461.0	473.0	407.1	359.2
55°	9309.5	9489.1	9920.1	7645.2	2652.2	975.8	502.9	431.1	449.0	389.1	341.2
57.5°	9854.3	10009.9	10369.2	8124.1	2688.1	892.0	461.0	401.1	431.1	371.2	317.3
60°	10524.8	10602.6	10602.6	8261.8	2568.3	814.2	431.1	377.2	389.1	353.2	299.3
62.5°	10949.9	10949.9	10602.6	8010.3	2340.8	748.4	407.1	353.2	341.2	329.3	281.4
65°	10919.9	10872.0	10357.2	7280.0	2077.4	706.4	383.2	323.3	305.3	299.3	263.4
67.5°	10417.0	10333.2	9632.8	6250.2	1802.0	688.5	359.2	293.4	281.4	269.4	239.5
70°	9351.4	9135.9	8273.8	5028.9	1532.6	676.5	353.2	269.4	257.4	245.5	221.5
72.5°	7806.8	7531.4	6459.8	3867.5	1287.2	634.6	335.3	239.5	233.5	221.5	197.6
75°	5956.9	5448.0	4508.1	2957.5	999.8	550.8	287.4	209.5	209.5	203.6	179.6
77.5°	4106.9	3843.5	3143.1	2185.2	730.4	425.1	233.5	185.6	185.6	191.6	167.6
80°	2903.6	2658.1	2239.1	1568.5	461.0	287.4	179.6	155.7	173.6	185.6	155.7
82.5°	2221.1	2041.5	1664.3	1143.5	269.4	197.6	137.7	125.7	149.7	161.6	131.7
85°	1544.6	1329.1	844.1	766.3	155.7	119.7	101.8	101.8	131.7	161.6	119.7
87.5°	437.0	185.6	53.9	227.5	65.9	47.9	35.9	23.9	35.9	35.9	23.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6
2.5°	3711.8	3675.9	3675.9	3663.9	3669.9	3675.9	3669.9	3711.8	3729.8	3753.7	3801.6
5°	2849.7	2897.6	2861.7	2897.6	2945.5	3017.4	3035.3	3089.2	3095.2	3137.1	3113.1
7.5°	2113.3	2107.4	2077.4	2119.3	2251.0	2352.8	2400.7	2430.6	2436.6	2436.6	2406.7
10°	1790.1	1736.2	1682.3	1652.4	1664.3	1772.1	1808.0	1826.0	1814.0	1832.0	1808.0
12.5°	1532.6	1484.7	1406.9	1353.0	1317.1	1347.0	1383.0	1400.9	1412.9	1442.8	1466.8
15°	1245.3	1197.4	1149.5	1119.5	1089.6	1065.7	1095.6	1113.5	1143.5	1167.4	1179.4
17.5°	945.9	922.0	898.0	916.0	916.0	904.0	916.0	922.0	933.9	951.9	945.9
20°	766.3	760.3	754.3	784.3	808.2	808.2	820.2	802.2	796.2	778.3	772.3
22.5°	682.5	682.5	688.5	712.4	736.4	748.4	748.4	718.4	688.5	676.5	682.5
25°	634.6	634.6	652.6	658.5	670.5	670.5	676.5	646.6	628.6	610.7	616.6
27.5°	598.7	598.7	604.7	604.7	610.7	610.7	616.6	604.7	580.7	574.7	574.7
30°	574.7	574.7	568.7	568.7	568.7	568.7	574.7	556.8	544.8	538.8	538.8
32.5°	550.8	544.8	538.8	538.8	532.8	532.8	538.8	520.9	514.9	514.9	514.9
35°	478.9	473.0	478.9	490.9	490.9	496.9	496.9	490.9	478.9	467.0	461.0
37.5°	449.0	443.0	443.0	443.0	455.0	461.0	467.0	455.0	437.0	419.1	419.1
40°	425.1	425.1	419.1	419.1	419.1	431.1	443.0	425.1	401.1	395.1	395.1
42.5°	407.1	401.1	395.1	389.1	383.2	401.1	413.1	389.1	377.2	377.2	377.2
45°	389.1	383.2	377.2	371.2	365.2	371.2	383.2	359.2	353.2	353.2	353.2
47.5°	371.2	365.2	353.2	347.2	341.2	341.2	353.2	335.3	329.3	335.3	335.3
50°	359.2	347.2	335.3	329.3	323.3	323.3	323.3	317.3	317.3	317.3	323.3
52.5°	347.2	335.3	317.3	311.3	305.3	305.3	305.3	305.3	299.3	305.3	311.3
55°	329.3	317.3	305.3	299.3	293.4	287.4	293.4	287.4	287.4	293.4	293.4
57.5°	305.3	293.4	281.4	281.4	275.4	275.4	281.4	275.4	275.4	281.4	281.4
60°	287.4	275.4	263.4	263.4	257.4	263.4	269.4	263.4	263.4	263.4	269.4
62.5°	263.4	257.4	245.5	245.5	245.5	245.5	251.4	245.5	251.4	251.4	251.4
65°	245.5	233.5	227.5	227.5	227.5	227.5	239.5	227.5	233.5	233.5	233.5
67.5°	227.5	215.5	209.5	209.5	209.5	209.5	221.5	209.5	215.5	221.5	215.5
70°	209.5	197.6	191.6	191.6	191.6	191.6	197.6	191.6	191.6	197.6	197.6
72.5°	185.6	179.6	173.6	173.6	167.6	173.6	179.6	173.6	173.6	173.6	173.6
75°	167.6	161.6	161.6	155.7	155.7	155.7	161.6	149.7	149.7	149.7	149.7
77.5°	155.7	143.7	143.7	143.7	137.7	143.7	137.7	125.7	125.7	125.7	125.7
80°	131.7	119.7	125.7	125.7	119.7	119.7	113.7	101.8	101.8	101.8	101.8
82.5°	107.8	95.8	101.8	101.8	101.8	101.8	89.8	83.8	77.8	71.8	71.8
85°	95.8	77.8	89.8	89.8	83.8	83.8	59.9	59.9	47.9	47.9	41.9
87.5°	18.0	12.0	23.9	29.9	29.9	35.9	23.9	29.9	18.0	12.0	12.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6
2.5°	3795.6	3861.5	3951.3	4017.1	4118.9	4196.8	4316.5	4418.3	4514.1	4556.0	4597.9
5°	3185.0	3226.9	3364.6	3472.3	3634.0	3807.6	4023.1	4256.6	4496.1	4603.9	4729.6
7.5°	2382.7	2460.6	2538.4	2694.1	2891.6	3173.0	3448.4	3795.6	4130.9	4292.5	4508.1
10°	1849.9	1909.8	1999.6	2161.2	2346.8	2580.3	2909.6	3322.7	3723.8	3933.3	4154.8
12.5°	1484.7	1568.5	1688.3	1855.9	2071.4	2310.9	2550.4	2933.5	3400.5	3640.0	3891.4
15°	1203.3	1269.2	1400.9	1610.5	1861.9	2107.4	2358.8	2676.1	3185.0	3460.4	3759.7
17.5°	957.9	1005.8	1125.5	1335.1	1586.5	1861.9	2149.3	2550.4	3113.1	3448.4	3801.6
20°	778.3	814.2	892.0	1047.7	1287.2	1586.5	1945.7	2430.6	3155.0	3586.1	4017.1
22.5°	682.5	694.5	730.4	814.2	1011.8	1329.1	1760.1	2328.9	3232.9	3789.6	4370.4
25°	616.6	628.6	640.6	694.5	808.2	1107.6	1598.5	2269.0	3400.5	4089.0	4777.5
27.5°	574.7	586.7	592.7	616.6	694.5	945.9	1460.8	2233.1	3628.0	4526.0	5280.4
30°	538.8	538.8	556.8	592.7	646.6	832.2	1341.0	2149.3	3867.5	4891.2	5675.5
32.5°	508.9	514.9	538.8	556.8	592.7	736.4	1221.3	2041.5	4083.0	5190.6	6064.6
35°	455.0	455.0	461.0	490.9	538.8	658.5	1113.5	1933.7	4202.7	5483.9	6411.9
37.5°	419.1	425.1	437.0	461.0	502.9	604.7	1023.7	1814.0	4328.5	5759.3	6819.0
40°	395.1	401.1	413.1	437.0	478.9	556.8	945.9	1718.2	4460.2	6058.6	7256.0
42.5°	377.2	383.2	395.1	419.1	455.0	544.8	862.1	1640.4	4538.0	6334.0	7669.1
45°	359.2	365.2	383.2	407.1	437.0	532.8	814.2	1586.5	4567.9	6519.6	7998.4
47.5°	341.2	347.2	365.2	401.1	437.0	514.9	796.2	1556.6	4591.9	6729.2	8261.8
50°	323.3	335.3	359.2	395.1	443.0	490.9	784.3	1550.6	4729.6	6998.6	8513.2
52.5°	311.3	329.3	353.2	395.1	437.0	455.0	778.3	1568.5	5005.0	7399.7	8872.4
55°	299.3	317.3	341.2	395.1	419.1	425.1	748.4	1598.5	5424.0	7956.5	9381.3
57.5°	287.4	299.3	329.3	383.2	395.1	401.1	688.5	1640.4	5843.1	8501.3	9902.2
60°	269.4	281.4	311.3	383.2	359.2	377.2	610.7	1652.4	6142.5	8674.9	9950.1
62.5°	251.4	263.4	293.4	395.1	329.3	353.2	544.8	1610.5	6202.3	8423.4	9680.7
65°	233.5	245.5	269.4	329.3	305.3	329.3	502.9	1496.7	6004.8	7848.7	9189.7
67.5°	215.5	227.5	245.5	269.4	275.4	299.3	484.9	1317.1	5507.9	7136.3	8519.2
70°	191.6	203.6	221.5	239.5	245.5	281.4	455.0	1143.5	4705.6	6184.4	7699.0
72.5°	173.6	179.6	197.6	209.5	221.5	257.4	437.0	999.8	3598.1	5005.0	6280.2
75°	149.7	149.7	167.6	179.6	191.6	227.5	401.1	832.2	2538.4	3819.6	4615.8
77.5°	125.7	125.7	137.7	149.7	161.6	197.6	341.2	676.5	1760.1	3029.3	3346.6
80°	95.8	95.8	107.8	119.7	131.7	167.6	275.4	496.9	1089.6	2215.1	2436.6
82.5°	65.9	65.9	83.8	89.8	95.8	131.7	209.5	341.2	640.6	1598.5	1742.2
85°	35.9	35.9	47.9	53.9	65.9	95.8	155.7	239.5	383.2	1155.5	1161.4
87.5°	6.0	6.0	18.0	18.0	29.9	47.9	89.8	131.7	215.5	640.6	407.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P598603
 CATALOG NUMBER: IFLD-M-SA4B-722-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6	4274.6
2.5°	4675.7	4741.6	4747.5	4747.5	4717.6	4723.6	4639.8	4550.0	4520.0	4514.1
5°	4921.2	5094.8	5142.7	5166.6	5088.8	4969.1	4753.5	4520.0	4400.3	4382.3
7.5°	4873.3	5220.5	5406.1	5430.0	5274.4	4993.0	4615.8	4256.6	4118.9	4083.0
10°	4591.9	5058.9	5394.1	5477.9	5310.3	4951.1	4460.2	4041.1	3873.5	3843.5
12.5°	4394.3	4843.3	5172.6	5286.4	5208.5	4897.2	4382.3	3903.4	3735.8	3693.9
15°	4286.6	4699.6	4915.2	4951.1	4945.1	4813.4	4382.3	3933.3	3747.7	3699.8
17.5°	4376.4	4657.7	4687.7	4603.9	4651.7	4717.6	4478.1	4095.0	3915.4	3873.5
20°	4556.0	4639.8	4496.1	4370.4	4394.3	4603.9	4627.8	4400.3	4256.6	4184.8
22.5°	4933.1	4705.6	4376.4	4202.7	4220.7	4514.1	4825.4	4813.4	4687.7	4651.7
25°	5316.3	4891.2	4340.4	4136.9	4160.8	4496.1	5058.9	5274.4	5208.5	5190.6
27.5°	5741.3	5202.5	4364.4	4106.9	4136.9	4520.0	5220.5	5663.5	5675.5	5657.5
30°	6028.7	5352.2	4436.2	4142.9	4184.8	4579.9	5256.4	5897.0	6004.8	6010.8
32.5°	6268.2	5501.9	4585.9	4202.7	4274.6	4687.7	5352.2	6118.5	6358.0	6364.0
35°	6459.8	5669.5	4771.5	4310.5	4418.3	4867.3	5477.9	6328.1	6687.3	6729.2
37.5°	6705.2	5855.1	4987.0	4544.0	4663.7	5124.7	5699.4	6573.5	7076.4	7190.2
40°	6968.6	6040.7	5298.3	4921.2	5094.8	5507.9	5950.9	6848.9	7405.7	7561.3
42.5°	7262.0	6238.3	5651.5	5430.0	5693.5	5992.8	6238.3	7100.4	7657.1	7836.7
45°	7549.4	6477.7	6166.4	6124.5	6417.9	6567.5	6519.6	7280.0	7896.6	8076.2
47.5°	7752.9	6825.0	6789.0	7040.5	7315.9	7238.1	6848.9	7411.7	8094.2	8291.7
50°	7938.5	7256.0	7573.3	8064.2	8231.9	7968.4	7202.1	7591.3	8303.7	8525.2
52.5°	8213.9	7717.0	8381.5	8992.2	9153.8	8734.8	7585.3	7884.6	8627.0	8824.6
55°	8776.7	8237.8	9225.7	9926.1	9956.1	9435.2	8100.2	8381.5	9082.0	9309.5
57.5°	9405.3	8878.4	9896.2	10698.4	10686.5	10135.7	8680.9	9052.1	9698.6	9854.3
60°	9974.0	9525.0	10626.6	11249.2	11219.3	10644.5	9357.4	9812.4	10405.1	10524.8
62.5°	10309.3	10111.7	10949.9	11422.8	11309.1	10812.2	9932.1	10488.9	10908.0	10949.9
65°	10255.4	10447.0	10572.7	10866.1	10704.4	10345.2	10213.5	10919.9	10961.8	10919.9
67.5°	9848.3	10255.4	9537.0	9566.9	9483.1	9177.8	9776.5	10806.2	10518.8	10417.0
70°	9231.7	9261.6	7974.4	7597.3	7729.0	7309.9	8387.5	9920.1	9477.1	9351.4
72.5°	8207.9	7836.7	6028.7	5645.6	5843.1	5543.8	6729.2	8644.9	8213.9	7806.8
75°	6884.8	6208.3	4591.9	4047.1	4148.9	4136.9	5214.5	7142.3	6364.0	5956.9
77.5°	5334.2	4837.3	3388.5	3179.0	3071.2	3095.2	3640.0	5310.3	4615.8	4106.9
80°	3897.4	3382.5	2622.2	2742.0	2682.1	2538.4	2550.4	3556.2	3208.9	2903.6
82.5°	2694.1	2406.7	2125.3	2400.7	2257.0	2035.5	1987.6	2562.4	2406.7	2221.1
85°	1808.0	1981.6	1688.3	1837.9	1592.5	1466.8	1867.9	2143.3	1730.2	1544.6
87.5°	1179.4	1814.0	1215.3	922.0	526.8	706.4	1143.5	1406.9	808.2	437.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)